



United States Environmental Protection Agency
Washington, D.C. 20460

Water Compliance Inspection Report

Section A: National Data System Coding (i.e., PCS)

Transaction Code	NPDES	yr/mo/day	Inspection Type	Inspector	Fac Type
1 <input type="checkbox"/> N <input type="checkbox"/>	WA 1910105916	1 5 0 2 2 4	<input type="checkbox"/> = <input type="checkbox"/>	<input type="checkbox"/> R <input type="checkbox"/>	<input type="checkbox"/> 3 <input type="checkbox"/>
Remarks					
21					
66					
Inspection Work Days	Facility Self-Monitoring Evaluation Rating	BI	QA	Reserved	
67 <input type="checkbox"/> 0 <input type="checkbox"/> 5 <input type="checkbox"/> 69	70 <input type="checkbox"/>	71 <input type="checkbox"/>	72 <input type="checkbox"/>	73 <input type="checkbox"/>	74 <input type="checkbox"/> 75 <input type="checkbox"/> 76 <input type="checkbox"/> 77 <input type="checkbox"/> 78 <input type="checkbox"/> 79 <input type="checkbox"/> 80 <input type="checkbox"/>

Section B: Facility Data

Name and Location of Facility Inspected (For industrial users discharging to POTW, also include POTW name and NPDES permit number) Vande Hoef Dairy, LLC 2121 Stickney Island Road Everson, WA 98244	Entry Time/Date 1:15 PM 2/24/15	Permit Effective Date N/A
	Exit Time/Date 3:30 PM 2/24/15	Permit Expiration Date N/A
Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s) Rodney Vande Hoef Farm Operator (360) 966-5120	Other Facility Data (e.g., SIC NAICS, and other descriptive information) NAICS 112120 - Dairy Cattle and Milk Production Lat/Lon: 48.929125°/-122.375833°	
Name, Address of Responsible Official/Title/Phone and Fax Number Rodney Vande Hoef 2121 Stickney Island Road Everson, WA 98244 (360) 966-5120	Unpermitted	

Section C: Areas Evaluated During Inspection (Check only those areas evaluated)

<input type="checkbox"/> Permit	<input type="checkbox"/> Self-Monitoring Program	<input type="checkbox"/> Pretreatment	<input type="checkbox"/> MS4
<input type="checkbox"/> Records/Reports	<input type="checkbox"/> Compliance Schedules	<input type="checkbox"/> Pollution Prevention	
<input checked="" type="checkbox"/> Facility Site Review	<input type="checkbox"/> Laboratory	<input checked="" type="checkbox"/> Storm Water	
<input type="checkbox"/> Effluent/Receiving Waters	<input checked="" type="checkbox"/> Operations & Maintenance	<input type="checkbox"/> Combined Sewer Overflow	
<input type="checkbox"/> Flow Measurement	<input type="checkbox"/> Sludge Handling/Disposal	<input type="checkbox"/> Sanitary Sewer Overflow	

Section D: Summary of Findings/Comments

(Attach additional sheets of narrative and checklists, including Single Event Violation codes, as necessary)

SEV Codes	SEV Description
• • • • •	• • • • •
• • • • •	• • • • •
• • • • •	• • • • •
• • • • •	• • • • •

RECEIVED

100-115 2015

Inspection & Enforcement Management Unit (IEMU)

Name(s) and Signature(s) of Inspector(s) Brian Levo <i>Brian Levo</i>	Agency/Office/Phone and Fax Numbers EPA / OCE / (206) 553-1816	Date 3/13/15
Jon Klemesrud	EPA / OCE / (206) 553-5068	
Michael Isensee	WA Dept. of Agriculture (360) 961-7412	
Signature of Management Q A Reviewer <i>Kimberly A. Ogle, Manager</i>	Agency/Office/Phone and Fax Numbers EPA/OCE/IEMU 30955	Date 3/30/15

ICIS

3-16-2015

JE

INSTRUCTIONS

Section A: National Data System Coding (i.e., PCS)

Column 1: Transaction Code: Use N, C, or D for New, Change, or Delete. All inspections will be new unless there is an error in the data entered.

Columns 3-11: NPDES Permit No. Enter the facility's NPDES permit number - third character in permit number indicates permit type for U=unpermitted, G=general permit, etc.. (Use the Remarks columns to record the State permit number, if necessary.)

Columns 12-17: Inspection Date. Insert the date entry was made into the facility. Use the year/month/day format (e.g., 04/10/01 = October 01, 2004).

Column 18: Inspection Type*. Use one of the codes listed below to describe the type of inspection:

A Performance Audit	U IU Inspection with Pretreatment Audit	I Pretreatment Compliance (Oversight)
B Compliance Biomonitoring	X Toxics Inspection	@ Follow-up (enforcement)
C Compliance Evaluation (non-sampling)	Z Sludge - Biosolids	{ Storm Water-Construction-Sampling
D Diagnostic	# Combined Sewer Overflow-Sampling	} Storm Water-Construction-Non-Sampling
F Pretreatment (Follow-up)	\$ Combined Sewer Overflow-Non-Sampling	: Storm Water-Non-Construction-Sampling
G Pretreatment (Audit)	+ Sanitary Sewer Overflow-Sampling	~ Storm Water-Non-Construction-Non-Sampling
I Industrial User (IU) Inspection	& Sanitary Sewer Overflow-Non-Sampling	< Storm Water-MS4-Sampling
J Complaints	\ CAFO-Sampling	- Storm Water-MS4-Non-Sampling
M Multimedia	= CAFO-Non-Sampling	> Storm Water-MS4-Audit
N Spill	2 IU Sampling Inspection	
O Compliance Evaluation (Oversight)	3 IU Non-Sampling Inspection	
P Pretreatment Compliance Inspection	4 IU Toxics Inspection	
R Reconnaissance	5 IU Sampling Inspection with Pretreatment	
S Compliance Sampling	6 IU Non-Sampling Inspection with Pretreatment	
	7 IU Toxics with Pretreatment	

Column 19: Inspector Code. Use one of the codes listed below to describe the lead agency in the inspection.

A — State (Contractor)	O — Other Inspectors, Federal/EPA (Specify in Remarks columns)
B — EPA (Contractor)	P — Other Inspectors, State (Specify in Remarks columns)
E — Corps of Engineers	R — EPA Regional Inspector
J — Joint EPA/State Inspectors—EPA Lead	S — State Inspector
L — Local Health Department (State)	T — Joint State/EPA Inspectors—State lead
N — NEIC Inspectors	

Column 20: Facility Type. Use one of the codes below to describe the facility.

- 1 — Municipal. Publicly Owned Treatment Works (POTWs) with 1987 Standard Industrial Code (SIC) 4952.
- 2 — Industrial. Other than municipal, agricultural, and Federal facilities.
- 3 — Agricultural. Facilities classified with 1987 SIC 0111 to 0971.
- 4 — Federal. Facilities identified as Federal by the EPA Regional Office.
- 5 — Oil & Gas. Facilities classified with 1987 SIC 1311 to 1389.

Columns 21-66: Remarks. These columns are reserved for remarks at the discretion of the Region.

Columns 67-69: Inspection Work Days. Estimate the total work effort (to the nearest 0.1 work day), up to 99.9 days, that were used to complete the inspection and submit a QA reviewed report of findings. This estimate includes the accumulative effort of all participating inspectors; any effort for laboratory analyses, testing, and remote sensing; and the billed payroll time for travel and pre and post inspection preparation. This estimate does not require detailed documentation.

Column 70: Facility Evaluation Rating. Use information gathered during the inspection (regardless of inspection type) to evaluate the quality of the facility self-monitoring program. Grade the program using a scale of 1 to 5 with a score of 5 being used for very reliable self-monitoring programs, 3 being satisfactory, and 1 being used for very unreliable programs.

Column 71: Biomonitoring Information. Enter D for static testing. Enter F for flow through testing. Enter N for no biomonitoring.

Column 72: Quality Assurance Data Inspection. Enter Q if the inspection was conducted as followup on quality assurance sample results. Enter N otherwise.

Columns 73-80: These columns are reserved for regionally defined information.

Section B: Facility Data

This section is self-explanatory except for "Other Facility Data," which may include new information not in the permit or PCS (e.g., new outfalls, names of receiving waters, new ownership, other updates to the record, SIC/NAICS Codes, Latitude/Longitude).

Section C: Areas Evaluated During Inspection

Check only those areas evaluated by marking the appropriate box. Use Section D and additional sheets as necessary. Support the findings, as necessary, in a brief narrative report. Use the headings given on the report form (e.g., Permit, Records/Reports) when discussing the areas evaluated during the inspection.

Section D: Summary of Findings/Comments

Briefly summarize the inspection findings. This summary should abstract the pertinent inspection findings, not replace the narrative report. Reference a list of attachments, such as completed checklists taken from the NPDES Compliance Inspection Manuals and pretreatment guidance documents, including effluent data when sampling has been done. Use extra sheets as necessary.

*Footnote: In addition to the inspection types listed above under column 18, a state may continue to use the following wet weather and CAFO inspection types until the state is brought into ICIS-NPDES: K: CAFO, V: SSO, Y: CSO, W: Storm Water 9: MS4. States may also use the new wet weather, CAFO and MS4 inspections types shown in column 18 of this form. The EPA regions are required to use the new wet weather, CAFO, and MS4 inspection types for inspections with an inspection date (DTIN) on or after July 1, 2005.

Water Compliance Inspection Report

Section A: National Data System Coding (i.e., PCS)

Transaction Code		NPDES		yr/mo/day		Inspection Type		Inspector		Fac Type	
1	N		WA0005195	1	5	0	2	2	4		3
Remarks											
21											
66											
Inspection Work Days		Facility Self-Monitoring Evaluation Rating		BI		QA		Reserved			
67	0	5	69	70	71	72	73	74	75	76	80

Section B: Facility Data

Name and Location of Facility Inspected (For industrial users discharging to POTW, also include POTW name and NPDES permit number) Vande Hoef Dairy #2 1925 Hampton Road Everson, WA 98247	Entry Time/Date 1:15 PM 2/24/15	Permit Effective Date N/A
	Exit Time/Date 3:30 PM 2/24/15	Permit Expiration Date N/A
Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s) Rodney Vande Hoef Farm Operator (360) 966-5120	Other Facility Data (e.g., SIC NAICS, and other descriptive information) NAICS 112120 - Dairy Cattle and Milk Production Lat/Lon: 48.941014°/-122.384936°	
Name, Address of Responsible Official/Title/Phone and Fax Number Rodney Vande Hoef 2121 Stickney Island Road Everson, WA 98244 (360) 966-5120	<div> <div>Contacted</div> <div> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No </div> </div> <div>Unpermitted</div>	

Section C: Areas Evaluated During Inspection (Check only those areas evaluated)

<input type="checkbox"/> Permit	<input type="checkbox"/> Self-Monitoring Program	<input type="checkbox"/> Pretreatment	<input type="checkbox"/> MS4
<input type="checkbox"/> Records/Reports	<input type="checkbox"/> Compliance Schedules	<input type="checkbox"/> Pollution Prevention	
<input checked="" type="checkbox"/> Facility Site Review	<input type="checkbox"/> Laboratory	<input checked="" type="checkbox"/> Storm Water	
<input type="checkbox"/> Effluent/Receiving Waters	<input checked="" type="checkbox"/> Operations & Maintenance	<input type="checkbox"/> Combined Sewer Overflow	
<input type="checkbox"/> Flow Measurement	<input type="checkbox"/> Sludge Handling/Disposal	<input type="checkbox"/> Sanitary Sewer Overflow	

Section D: Summary of Findings/Comments



(Attach additional sheets of narrative and checklists, including Single Event Violation codes, as necessary)

SEV Codes	SEV Description
• • • • •	_____
• • • • •	_____
• • • • •	_____
• • • • •	_____

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MAR 13 2015

inspection & Enforcement Management Unit
(IEMU)

Name(s) and Signature(s) of Inspector(s) Brian Levo 	Agency/Office/Phone and Fax Numbers EPA / OCE / (206) 553-1816	Date 3/13/15
Jon Klernesrud	EPA / OCE / (206) 553-5068	
Michael Isensee	WA Dept. of Agriculture (360) 961-7412	
Signature of Management Q A Reviewer  IFMU	Agency/Office/Phone and Fax Numbers EPA/OCE/IFMU 3-0955	Date 3/30/15

ICIS
3-16-2015
JB

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D Diagnostic	# Combined Sewer Overflow-Sampling	} Storm Water-Construction-Non-Sampling
F Pretreatment (Follow-up)	\$ Combined Sewer Overflow-Non-Sampling	: Storm Water-Non-Construction-Sampling
G Pretreatment (Audit)	+ Sanitary Sewer Overflow-Sampling	~ Storm Water-Non-Construction-Non-Sampling
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1	N	WAU000310	1	5	0224	=	R	3
Remarks								
21								66
Inspection Work Days		Facility Self-Monitoring Evaluation Rating		BI	QA	Reserved		
67	0569	70	71	72	73	74	75	80

Section B: Facility Data

Name and Location of Facility Inspected (For industrial users discharging to POTW, also include POTW name and NPDES permit number) Vande Hoef Heifer Farm 2294 Stickney Island Rd Everson, WA 98247	Entry Time/Date 1:15 PM 2/24/15	Permit Effective Date N/A
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Name, Address of Responsible Official/Title/Phone and Fax Number Rodney Vande Hoef 2121 Stickney Island Road Everson, WA 98244 (360) 966-5120	Unpermitted <div style="text-align: right;"> Contacted <input checked="checked" type="checkbox"/> Yes <input type="checkbox"/> No </div>	

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<input type="checkbox"/> Permit	<input type="checkbox"/> Self-Monitoring Program	<input type="checkbox"/> Pretreatment	<input type="checkbox"/> MS4
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● ● ● ● ● ● ● ●	
● ● ● ● ● ● ● ●	
● ● ● ● ● ● ● ●	
● ● ● ● ● ● ● ●	

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**Inspection & Enforcement Management Unit
(IEMU)**

Name(s) and Signature(s) of Inspector(s) Brian Levo <i>Brian Levo</i>	Agency/Office/Phone and Fax Numbers EPA / OCE / (206) 553-1816	Date 3/13/15
Jon Klemesrud	EPA / OCE / (206) 553-5068	
Michael Isensee	WA Dept. of Agriculture (360) 961-7412	
Signature of Management Q A Reviewer <i>Timothy G. Dale, MEMU</i>	Agency/Office/Phone and Fax Numbers EPA/OCE/EMMU 3-0955	Date 3/30/15

ICIS
3-16-2015
DAB

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Remarks																		
21												66						
Inspection Work Days		Facility Self-Monitoring Evaluation Rating		BI		QA		Reserved										
67	0	5	69	70		71		72		73		74	75					80

Section B: Facility Data

Name and Location of Facility Inspected (For industrial users discharging to POTW, also include POTW name and NPDES permit number) Vande Hoef Calf Farm 1959 Timon Road Everson, WA 98247		Entry Time/Date 1:15 PM 2/24/15	Permit Effective Date N/A
		Exit Time/Date 3:30 PM 2/24/15	Permit Expiration Date N/A
Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s) Rodney Vande Hoef Farm Operator (360) 966-5120		Other Facility Data (e.g., SIC NAICS, and other descriptive information) NAICS 112111 - Dairy Heifer Replacement Production Lat/Lon: 48.933704°/-122.382989°	
Name, Address of Responsible Official/Title/Phone and Fax Number Rodney Vande Hoef 2121 Stickney Island Road Everson, WA 98244 (360) 966-5120		Unpermitted <div> <div>Contacted</div> <div> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No </div> </div>	

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<input type="checkbox"/> Permit	<input type="checkbox"/> Self-Monitoring Program	<input type="checkbox"/> Pretreatment	<input type="checkbox"/> MS4
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• • • • •	• • • • •	MAR 13 2015
• • • • •	• • • • •	
• • • • •	• • • • •	
• • • • •	• • • • •	
		Inspection & Enforcement Management Unit (IEMU)

Name(s) and Signature(s) of Inspector(s)	Agency/Office/Phone and Fax Numbers	Date
Brian Levo <i>Brian Levo</i>	EPA / OCE / (206) 553-1816	3/13/15
Jon Klemesrud	EPA / OCE / (206) 553-5068	
Michael Isensee	WA Dept. of Agriculture (360) 961-7412	
Signature of Management Q A Reviewer <i>IEMLU</i> <i>Timothy G. Ode, manager</i>	Agency/Office/Phone and Fax Numbers <i>EPA/OCE/IEMLU 3-0955</i>	Date <i>3/30/15</i>

ICIS
3-16-2015
JB

INSTRUCTIONS

Section A: National Data System Coding (i.e., PCS)

Column 1: Transaction Code. Use N, C, or D for New, Change, or Delete. All inspections will be *new* unless there is an error in the data entered.

Columns 3-11: NPDES Permit No. Enter the facility's NPDES permit number - third character in permit number indicates permit type for U=unpermitted, G=general permit, etc.. (Use the Remarks columns to record the State permit number, if necessary.)

Columns 12-17: Inspection Date. Insert the date entry was made into the facility. Use the year/month/day format (e.g., 04/10/01 = October 01, 2004).

Column 18: Inspection Type*. Use one of the codes listed below to describe the type of inspection:

A Performance Audit	U IU Inspection with Pretreatment Audit	I Pretreatment Compliance (Oversight)
B Compliance Biomonitoring	X Toxics Inspection	@ Follow-up (enforcement)
C Compliance Evaluation (non-sampling)	Z Sludge - Biosolids	{ Storm Water-Construction-Sampling
D Diagnostic	# Combined Sewer Overflow-Sampling	} Storm Water-Construction-Non-Sampling
F Pretreatment (Follow-up)	\$ Combined Sewer Overflow-Non-Sampling	: Storm Water-Non-Construction-Sampling
G Pretreatment (Audit)	+ Sanitary Sewer Overflow-Sampling	~ Storm Water-Non-Construction-Non-Sampling
I Industrial User (IU) Inspection	& Sanitary Sewer Overflow-Non-Sampling	< Storm Water-MS4-Sampling
J Complaints	\ CAFO-Sampling	- Storm Water-MS4-Non-Sampling
M Multimedia	= CAFO-Non-Sampling	> Storm Water-MS4-Audit
N Spill	2 IU Sampling Inspection	
O Compliance Evaluation (Oversight)	3 IU Non-Sampling Inspection	
P Pretreatment Compliance Inspection	4 IU Toxics Inspection	
R Reconnaissance	5 IU Sampling Inspection with Pretreatment	
S Compliance Sampling	6 IU Non-Sampling Inspection with Pretreatment	
	7 IU Toxics with Pretreatment	

Column 19: Inspector Code. Use one of the codes listed below to describe the *lead agency* in the inspection.

A — State (Contractor)	O — Other Inspectors, Federal/EPA (Specify in Remarks columns)
B — EPA (Contractor)	P — Other Inspectors, State (Specify in Remarks columns)
E — Corps of Engineers	RR — EPA Regional Inspector
J — Joint EPA/State Inspectors—EPA Lead	S — State Inspector
L — Local Health Department (State)	T — Joint State/EPA Inspectors—State lead
N — NEIC Inspectors	

Column 20: Facility Type. Use one of the codes below to describe the facility.

- 1 — Municipal. Publicly Owned Treatment Works (POTWs) with 1987 Standard Industrial Code (SIC) 4952.
- 2 — Industrial. Other than municipal, agricultural, and Federal facilities.
- 3 — Agricultural. Facilities classified with 1987 SIC 0111 to 0971.
- 4 — Federal. Facilities identified as Federal by the EPA Regional Office.
- 5 — Oil & Gas. Facilities classified with 1987 SIC 1311 to 1389.

Columns 21-66: Remarks. These columns are reserved for remarks at the discretion of the Region.

Columns 67-69: Inspection Work Days. Estimate the total work effort (to the nearest 0.1 work day), up to 99.9 days, that were used to complete the inspection and submit a QA reviewed report of findings. This estimate includes the accumulative effort of all participating inspectors; any effort for laboratory analyses, testing, and remote sensing; and the billed payroll time for travel and pre and post inspection preparation. This estimate does not require detailed documentation.

Column 70: Facility Evaluation Rating. Use information gathered during the inspection (regardless of inspection type) to evaluate the quality of the facility self-monitoring program. Grade the program using a scale of 1 to 5 with a score of 5 being used for very reliable self-monitoring programs, 3 being satisfactory, and 1 being used for very unreliable programs.

Column 71: Biomonitoring Information. Enter D for static testing. Enter F for flow through testing. Enter N for no biomonitoring.

Column 72: Quality Assurance Data Inspection. Enter Q if the inspection was conducted as followup on quality assurance sample results. Enter N otherwise.

Columns 73-80: These columns are reserved for regionally defined information.

Section B: Facility Data

This section is self-explanatory except for "Other Facility Data," which may include new information not in the permit or PCS (e.g., new outfalls, names of receiving waters, new ownership, other updates to the record, SIC/NAICS Codes, Latitude/Longitude).

Section C: Areas Evaluated During Inspection

Check only those areas evaluated by marking the appropriate box. Use Section D and additional sheets as necessary. Support the findings, as necessary, in a brief narrative report. Use the headings given on the report form (e.g., Permit, Records/Reports) when discussing the areas evaluated during the inspection.

Section D: Summary of Findings/Comments

Briefly summarize the inspection findings. This summary should abstract the pertinent inspection findings, not replace the narrative report. Reference a list of attachments, such as completed checklists taken from the NPDES Compliance Inspection Manuals and pretreatment guidance documents, including effluent data when sampling has been done. Use extra sheets as necessary.

*Footnote: In addition to the inspection types listed above under column 18, a state may continue to use the following wet weather and CAFO inspection types until the state is brought into ICIS-NPDES: K: CAFO, V: SSO, Y: CSO, W: Storm Water 9: MS4. States may also use the new wet weather, CAFO and MS4 inspections types shown in column 18 of this form. The EPA regions are required to use the new wet weather, CAFO, and MS4 inspection types for inspections with an inspection date (DTIN) on or after July 1, 2005.

***NPDES
Inspection Report***

***Vande Hoef Dairies & Farms
Everson, WA***

February 24, 2015

Prepared by:

***Brian Levo
Environmental Protection Agency, Region 10
Office of Compliance and Enforcement
Inspection and Enforcement Management Unit***

Table of Contents

- I. Facility Information
- II. Inspection Information
- III. Permit Information
- IV. Background and Activity
- V. Inspection Entry
- VI. Inspection Chronology
- VII. Animal Numbers and Confinement
- VIII. Waste Management
- IX. Silage Storage
- X. Receiving Water
- XI. Sample Collection and Analyses
- XII. Observed Discharge
- XIII. Areas of Concern

Attachments

- A. Facility Maps
- B. Photo Log
- C. Facilities Information E-mail from WSDA

Vande Hoef Dairies & Farms NPDES Inspection Report

(Unless otherwise noted, all details in this inspection report were obtained from conversations with Rodney Vande Hoef or from observations during the inspection.)

I. Facility Information

Facilities Contact: Rodney Vande Hoef, Owner/Operator
(360) 966-5120, Cell: (b) (6)

Facilities Ownership: Vande Hoef Dairy, LLC

Facilities Mailing Address: 2121 Stickney Island Road
Everson, WA 98244

Facility #1 Name: Vande Hoef Dairy #1
Facility #1 NAICS: 112120 – Dairy Cattle and Milk Production
Facility #1 Address: 2121 Stickney Island Road, Everson, WA 98244
Facility #1 Lat/Long: 48.929125°/-122.375833°

Facility #2 Name: Vande Hoef Dairy #2
Facility #2 NAICS: 112120 – Dairy Cattle and Milk Production
Facility #2 Address: 1925 Hampton Road, Everson, WA 98247
Facility #2 Lat/Long: 48.941014°/-122.384936°

Facility #3 Name: Vande Hoef Heifer Farm
Facility #3 NAICS: 112111 – Dairy Heifer Replacement Production
Facility #3 Address: 2294 Stickney Island Rd, Everson, WA 98247
Facility #3 Lat/Long: 48.929180°/-122.363106°

Facility #4 Name: Vande Hoef Calf Farm
Facility #4 NAICS: 112111 – Dairy Heifer Replacement Production
Facility #4 Address: 1959 Timon Road, Everson, WA 98247
Facility #4 Lat/Long: 48.933704°/-122.382989°

II. Inspection Information

Inspection Date: February 24, 2015

Inspectors: Brian Levo, Inspector (lead)
EPA Region 10, OCE / IEMU
(206) 553-1816

Jon Klemesrud, Inspector
EPA Region 10, OCE / IEMU
(206) 553-5068

Vande Hoef Dairies & Farms NPDES Inspection Report

Michael Isensee
Washington State Department of Agriculture
(360) 961-7412

Arrival Time: 1:15 PM

Departure Time: 3:30 PM

Weather: Sunny/Partly Cloudy

Purpose: Determine compliance with the Clean Water Act (CWA).

III. Permit Information

This facility does not have a permit under the National Pollutant Discharge Elimination System (NPDES) program.

IV. Background and Activity

Rodney Vande Hoef (b) (6) own and operate four farms in Everson, WA, including two dairies, a heifer farm, and a calf farm. According to Mr. Vande Hoef, he has owned and operated Vande Hoef Dairy #1 since 1977; the calf farm since the 1980's; the heifer farm since 1995; and Vande Hoef Dairy #2 since 2009. Mr. Vande Hoef estimated his total acreage to be 800 (500 owned, 300 leased).

The waste generated at this facility is mainly from the areas where animals are confined. This waste includes manure and urine deposited in the confinement areas. There are manure storage lagoons located at each of the four farms, as well as, an additional lagoon on a small piece of property that Mr. Vande Hoef said he leases. According to Mr. Vande Hoef, all five lagoons are connected so that liquid wastes can be pumped to each other in order to maintain storage capacities.

The solid wastes are stored on-site at each of the farms until they are land applied or they are processed into bedding by the two BeddingMasters located at Vande Hoef Dairy #1.

The maps included in **Attachment A** identify the facilities locations described above.

V. Inspection Entry

I called Rodney Vande Hoef, Owner/Operator, at 1:05 pm on February 24th, 2015, to inform him that EPA was currently driving to Vande Hoef Dairy #1 and that we planned to perform a CWA compliance inspection of his facilities. I also informed him that Michael Isensee, Washington State Dept. of Agriculture (WSDA), would be accompanying us during this inspection. Mr. Vande Hoef agreed to the inspection and said he would meet us at Vande Hoef Dairy #1.

We arrived at Vande Hoef Dairy #1 at 1:15 pm, where we met Mr. Vande Hoef. At this time we identified ourselves as EPA inspectors and presented our credentials.

Mr. Vande Hoef accompanied us throughout the inspection. He did not deny us access to any of his facilities.

VI. Inspection Chronology

We began the inspection with a brief opening conference to explain the purpose of the visit was to perform a compliance inspection under the CWA. I also reiterated that EPA had invited Mr. Isensee to accompany us, but that this was not a WSDA inspection.

After the opening conference, we proceeded to conduct a tour of each of Mr. Vande Hoef's facilities. The tour included an inspection of the animal confinement areas, the waste and silage storage areas, and a single application field where liquid manure was being applied at the time of inspection.

We ended the inspection with a brief exit interview where we discussed the areas of concern outlined in the section below, I provided Mr. Vande Hoef with an EPA Small Business Compliance Assistance handout, and I thanked Mr. Vande Hoef for his time.

VII. Animal Numbers and Confinement

Mr. Vande Hoef said that the animals are confined all year-round on all of the farms. He estimated that Vande Hoef Dairy #1 had 940 mature dairy cows; Vande Hoef Dairy #2 had between 350-380 mature dairy cows; the heifer farm had 270 dry cows and heifers; and the calf farm had between 150-200 calves.

VIII. Waste Management

At Vande Hoef Dairy #1, waste from the barns was scraped to openings to the below ground storage tank on the west side of the barns (**Photo 1, Attachment B**). Solid wastes were being stored on the west side of the barn in the vicinity of the openings for the below ground tank. According to Mr. Vande Hoef, the waste in the below ground tank are sent to two BeddingMasters that were processing at the time of inspection. The liquid waste is then stored in lagoon #1 (**Photo 2**). Mr. Vande Hoef said that liquid waste had not been land applied from lagoon #1 since August, 2014.

At the time of inspection, there was liquid manure on parts of the field surrounding the southwest corner of lagoon #1 (**Photos 3-5**). Mr. Vande Hoef said that, about a week prior to this inspection, moles had created a hole in the southwest corner of the lagoon which had caused a breach of the lagoon wall and the leak of liquid manure onto the field. He said that he had patched the leak by reinforcing the lagoon wall with dirt and plans to patch it further with additional dirt (**Photo 3**). I noted that there were small burrow holes present in other locations of the lagoon walls as well. Mr. Vande Hoef said that this

was the first year he had ever experienced a mole infestation like this, and he planned to use pesticides to kill the moles.

We then traveled to the heifer farm where dry cows and heifers were located. Waste from the barns was scraped to a storage area on the southeast side of the barn (**Photo 6**). Lagoon #2 was located to the north of the heifer barn (**Photo 9**). At the time of inspection, liquid manure was being pumped into this lagoon from one of the other Vande Hoef lagoons. Mr. Vande Hoef said that manure is pumped to this lagoon typically about once a month. He also pointed to a pipe leaving the southeast corner of lagoon #2 and stretching across the field in a southern direction. He said that the liquid manure was being land applied at one of his fields southeast of this farm. We then drove to the site of the liquid manure application (**Photo 11**).

Next we traveled to Vande Hoef Dairy #2. Similar to Vande Hoef Dairy #1, manure is scraped to a below ground tank and then pumped to lagoon #3 on the south side of the dairy barns (**Photo 13**). At the time of inspection, Mr. Vande Hoef said that waste from lagoon #1 was being pumped to lagoon #3. A concrete silo and storage pit were located to the west of the barns (**Photo 14**). Mr. Vande Hoef said that rainwater runoff and leachate from the silage area is routed to the storage pit and then pumped into the silo for storage (**Photo 12**).

We then traveled to the calf farm. Drains inside the calf barns are routed to an underground tank and then pumped to lagoon #4 (**Photos 15 & 17**). Solids are scraped to a pile on the south side of the barns (**Photo 16**).

Finally we visited lagoon #5 (**Photo 18**). According to Mr. Vande Hoef, he only leases the portion of the land with lagoon #5 and not the buildings or surrounding fields associated with the property. I noted that the water level in the lagoon was very high. Mr. Vande Hoef said this is the fullest it has ever been and cited the high amount of rain fall in the past week as being the cause. He pointed out the risers located at the corners of the lagoon where lagoon water can be pumped to and routed to the other lagoons when needed.

Mr. Vande Hoef was not aware of the exact capacities of each of the lagoons. In a post-inspection e-mail with Mr. Isensee, he provided lagoon size estimates (**Attachment C**).

IX. Silage Storage

Silage was stored at both Vande Hoef dairies and the heifer farm (**Photo 12**). All silage piles were stored covered with a plastic sheet and some combination of tires and/or soil to weigh down the sheets. I noted that there was water ponded along the perimeter of the silage pile at the heifer farm (**Photos 7 & 8**). The ponded water stretched from the east side of the silage storage area to the northwest corner of the heifer barn and further west to within approximately 20 ft. of the ditch on the west side of the property. According to Mr. Vande Hoef, the water is the result of runoff from both the roof on the heifer barn

and the silage pile. He said that he had just invested a lot of money to upgrade the roof on this barn.

X. Receiving Water

There was a ditch that flowed west from the west side of the Vande Hoef heifer farm to the northern section of Vande Hoef Dairy #1 and the northern edge of the Vande Hoef calf farm. According to Mr. Vande Hoef, this ditch is named the Mormon Ditch and it flows north and west until it connects to the Kamm Ditch, which flows to the Nooksack River. Additionally, a small tributary on the south side of Vande Hoef Dairy #1 flows directly into the Nooksack River. A facility overview map of Vande Hoef Dairy #1 on-file at the WSDA office shows these waterbody locations (**Map 2, Attachment A**)

XI. Sample Collection and Analyses

I did not collect samples during this inspection.

XII. Observed Discharge

At the time of this inspection, I did not see a discharge to surface water.

XIII. Areas of Concern

Breach of Lagoon #1 at Vande Hoef Dairy #1

At the time of inspection, there was liquid manure on parts of the field surrounding the southwest corner of lagoon #1 (**Photos 3-5, Attachment B**). Mr. Vande Hoef said that, about a week prior to this inspection, moles had created a hole in the southwest corner of the lagoon which had caused a breach of the lagoon wall and the leak of liquid manure onto the field. I noted that there were small burrow holes present in other locations of the lagoon walls as well.

Mr. Vande Hoef said that he had patched the leak by reinforcing the lagoon wall with dirt and plans to patch it further with additional dirt (**Photo 3**). Mr. Vande Hoef said that this was the first year he had ever experienced a mole infestation like this, and he planned to use pesticides to kill the moles.

Water Ponding along Ditch at the Heifer Farm

At the time of inspection, we noted that there was water ponded along the perimeter of the silage pile at the heifer farm (**Photos 7 & 8**). The ponded water stretched from the east side of the silage storage area to the northwest corner of the heifer barn and further west to within approximately 20 ft. of the ditch on the west side of the property. According to Mr. Vande Hoef, this ditch is named the Mormon Ditch and it flows north and west until it connects to the Kamm Ditch, which flows to the Nooksack River.

Vande Hoef Dairies & Farms NPDES Inspection Report

Mr. Vande Hoef said that the ponded water is the result of runoff water from both the roof on the heifer barn and the silage pile.

Report Completion Date:

3/27/15

Lead Inspector Signature:

Brian

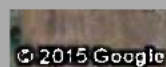
ATTACHMENT A

Facility Maps

(b)(4) copyright

(b)(4) copyright

(b)(4) copyright



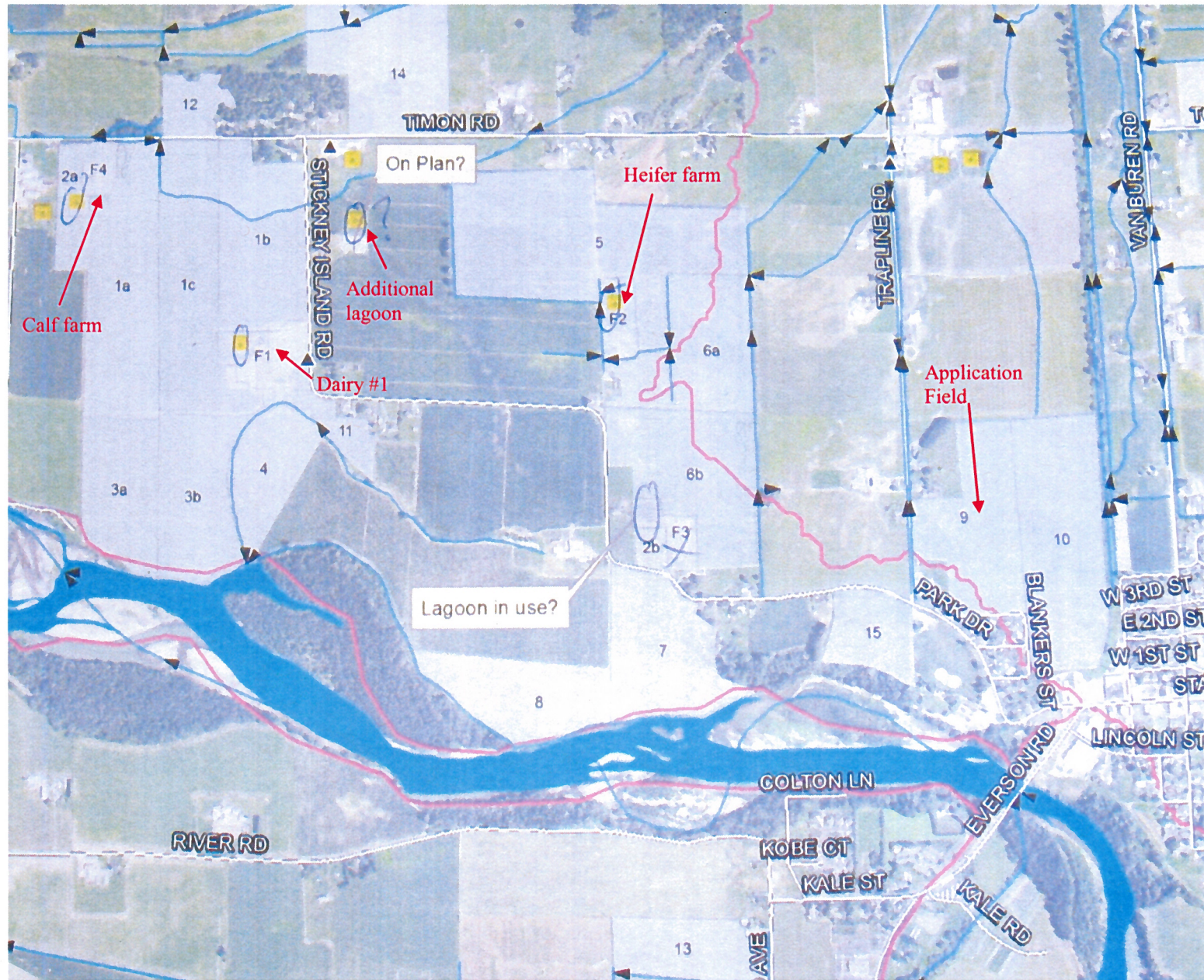
(b)(4) copyright

Imagery Date: Aug 26, 2011

lat: 48.934200° lon: -122.368875° elev: 75 ft

eye alt: 3516 ft

Map 1: Aerial overview image with facility locations identified.



Map 2 (Photo ID# SI852357): Overview map of Vande Hoef Dairy #1 properties and water body locations photographed at the WSDA office prior to the inspection. Facilities locations identified in red. Note this photo has been cropped and enlarged.

Vande Hoef Dairies & Farms NPDES Inspection Report

ATTACHMENT B

Photo Log

(All photographs were taken by Jon Klemesrud on 2/24/2015)



Photo 1 (DSCN0742): Southern view of the openings to the below ground storage tank and the solid waste storage area, on the west side of the barns.



Photo 2 (DSCN0736): Eastern view of the Vande Hoef Dairy #1 lagoon (lagoon #1).

Vande Hoef Dairies & Farms NPDES Inspection Report



Photo 3 (DSCN0738): Southern view from the southwest corner of lagoon #1. According to the facility, this was the location of the lagoon hole. Soil was scraped from the field to berm the hole.



Photo 4 (DSCN0739): Southwestern view from the southwest corner of lagoon #1. According to the facility, liquid manure was present in this location from the mole hole lagoon breach event that occurred the week prior.

Vande Hoef Dairies & Farms NPDES Inspection Report



Photo 5 (DSCN0740): Southern view of the field west of lagoon #1. According to the facility, liquid manure was present in this location from the mole hole lagoon breach event that occurred the week prior.



Photo 6 (DSCN0748): View of the solid waste storage area at the heifer farm.



Photo 7 (DSCN0743): Southern view of the west side of the heifer barn. There was runoff water from the new barn roof and the silage pile that had ponded (yellow arrow) on the west side of the silage storage area and in proximity to the ditch immediately to the west (red arrow). Note this photo has been cropped and enlarged.



Photo 8 (DSCN0745): Southwest view of the silage storage area from the south end of lagoon #2. The runoff from the barn roof and silage pile had ponded along the perimeter of the silage storage area.

Vande Hoef Dairies & Farms NPDES Inspection Report



Photo 9 (DSCN0744): Eastern view of lagoon #2 at the heifer farm.



Photo 10 (DSCN0746): Southeastern view from the south end of lagoon #2. Note the pipe used for land application of liquid manure.

Vande Hoef Dairies & Farms NPDES Inspection Report



Photo 11 (DSCN0750): Northern view of the land application that was occurring at the time of inspection near the heifer facility. Note this photo has been cropped and enlarged.



Photo 12 (DSCN0751): Silage storage area at Vande Hoef Dairy #2. Silage leachate drains to the grate pictured and is routed to lagoon #3.

Vande Hoef Dairies & Farms NPDES Inspection Report



Photo 13 (DSCN0752): Southwestern view of lagoon #3 located at Vande Hoef Dairy #2.



Photo 14 (DSCN0755): Northeastern view of the storage pit at Vande Hoef Dairy #2.

Vande Hoef Dairies & Farms NPDES Inspection Report



Photo 15 (DSCN0756): Southern view from inside a barn at the calf farm. The drain pictured is routed to lagoon #4.



Photo 16 (DSCN0758): Northeastern view of the Vande Hoef calf farm.

Vande Hoef Dairies & Farms NPDES Inspection Report



Photo 17 (DSCN0759): Southern view of lagoon #4.



Photo 18 (DSCN0760): Northern view of lagoon #5.

ATTACHMENT C

Facilities Information E-mail from WSDA

Levo, Brian

From: Isensee, Michael (AGR) <MIsensee@agr.wa.gov>
Sent: Thursday, March 12, 2015 3:04 PM
To: Levo, Brian
Subject: RE: Follow-up information for Vande Hoef farms

Brian,
Here you go.

Michael Isensee

Washington State Department of Agriculture | Dairy Nutrient Management Program Northwest Region 6951 Hannegan Road, Suite 12 Lynden, WA 98264
360-354-7421 direct | 360-961-7412 cell | misensee@agr.wa.gov

Vande Hoef Dairy #1

2121 Stickney Island Road
Everson, WA 98244

Lagoon capacity (gallons)?

Prior to 2008 two lagoons at this dairy were combined between 2005 and 2006 to make the single current lagoon. I do not have an accurate volume for the single lagoon. The volumes on the two former lagoons were 1,964,628 gross volume for one and 1,554,651 net volume for the other (with 1 foot freeboard plus capacity for 25-yr, 24 hour storm event). I tried to review some as-built data but could not locate.

Vande Hoef Dairy #2

1925 Hampton Road
Everson, WA 98247-9365

Lagoon capacity (gallons)?

1,815,243 net, 2,355,561 gross
Also 300,000 gallon upright tank

Vande Hoef Heifer farm

Address?

2294 Stickney Island Rd
Everson, WA 98247-9304

Lagoon capacity (gallons)?

1,500,000 (estimated. Will let you know if I find a more accurate number)

Vande Hoef Calf farm

Address?

1959 Timon Road
Everson, WA 98247-9304

Lagoon capacity (gallons)?

1,234,000 net

Remote lagoon (to NE from Vande Hoef #1)

Abuts 2114 Stickney Island Road
Everson, WA 98247-9304

Lagoon capacity (gallons)

1,370,814 net; 1,754,635 gross

Thanks for your help with this,

Brian Levo

Inspection and Enforcement Management Unit

U.S. Environmental Protection Agency - Region 10

1200 6th Avenue, Suite 900, MS OCE-184, Seattle, WA 98101

Phone: (206) 553-1816, Fax: (206) 553-4743